39; Jochelson E-5 (1888-97) 1906 Yakut

dress and dress-ornamentation of the Tartaric peoples, the dualistic religious ideas, and the poetical folk-lore, of Western Asia.

In their old country they were principally horse-breeders. The horses were employed both as beasts of burden and as animals for riding; their skins were used for clothing; their flesh, for food; and kumiss, the fermented drink prepared from mare's milk, served not only as a stimulating beverage, but also as a most important nutritious food.[1] For a time after their arrival in their new abode, the horse was still their principal domestic animal, and kumiss their essential food; but gradually the climatic conditions of the country on the one hand, and contact with Russian culture on the other, have exerted a modifying influence, which is still operative, over both the mental and the material culture of the Yakut. A small part of the tribe in the extreme north of the Yakut province must have experienced a decadence of their former material life. This minority became reindeer-breeders, dog-breeders, or hunters, and fish-eaters. But even into these new lines of life the Yakut introduced more advanced methods.

The tribe as a whole, while engaged in horse and cattle breeding as their chief occupation, began to increase the number of their horned cattle at the expense of their number of horses. Of cow's milk they could make, for use during the long winter, butter, a kind of cheese, and some other milk products which cannot, as we shall see later, be made from mare's milk. The Russian gold-mining companies on the rivers Olekma and Vitim proved profitable buyers of these cattle, and this gave an impetus to the raising of them. Finally, the cultivation of cereal plants, borrowed from the Russians in the southern parts of the Yakut Province, where the climate allows of it, has made such progress in the last twenty years, that at present agriculture is the chief occupation, and bread the staple food, of many Yakut families of the District of Yakutsk, and particularly of that of Olekminsk. Nowadays large droves of horses, and

[1] Some travellers consider that the Yakut horse belongs to the present race of horses of the steppes of southwestern Siberia; but it is difficult to say whether the Yakut horse of to-day has any connection with the extinct horse, the fossil remains of which have been found in the polar regions of northeastern Siberia.

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(up to the beginning of the 20th century), is a humped iron scythe with a short, curved handle with which the grass was rather hewn (left and right) than mown. Later on this scythe was replaced by the Russian Lithuanian-type scythe and is never used nowadays. The Yakuts mowed the grass in the alasy and river valleys, gathering the hay into small sheaves, in which it often became soaked and rotted away, hence the quality of the hay was not usually very high.

In the winter, the cattle were kept in cold, dark and crowded khotons, which were usually built under the same roof as the dwelling; the animals were usually herded into the khoton only at night, while in the daytime they were left outside, in the frost. When there was a lack of hay, the cattle had little to eat, and were watered with icy water from a hole in the ice. The austere conditions under which the cattle were kept and the cold climate made them hardy, but unproductive. The Yakut cow yielded an average of 60 buckets of milk a year, and for two or three months in the winter was left unmilked. The mares were only milked in the summer, as a general rule.

Both the cattle and the horses were utilized in much the same way; they gave milk, meat, and hides, and served for transportation (oxen were usually harnessed to carts, while horses were ridden, or carried packs).

The predominance of pastoralism involved preservation of the semi-nomadic way of life. Until recently the Yakuts retained the custom of moving twice a year—round about May and October—from the winter to the summer camps, and back again. The winter dwellings were usually set up near the mowings, while the summer dwellings (which, incidentally, were comparatively close by the former) were built close to the pasture-lands.

Fishing, Hunting and Agriculture

The second branch of economy in importance was fishing. There was a tremendous amount of carp and a small fish called mundu in the abundant lakes, and coregonus muksun, white salmon and so on were plentiful in the rivers. For the poor people who had no cattle, fishing had long been a main occupation; the expression balyksyt (fisherman) is used in documents of the 17th century in the sense of "a poor man." At the same time, there were actually complete tribal groups who seem to have lived chiefly by fishing. These were the so-called "foot clans" of the Yakuts (Osekui, Ontuls, Kokui, Kiriks, Kyrgydays and Orgots). These tribes, who were clearly a remnant of the very ancient prepastoral population, were first discovered in the 17th century by Russians on the Vilyuy. For the Yakut pastoralists, fishing was an essential subsidiary occupation and has retained its importance until our own day.

The fish were caught chiefly in the summer, but there was also fishing through the ice during the wintertime. Use was made of seines which were chiefly made of horsehair, smaller nets, and sack-nets, etc. In the autumn there was usually collective fishing with a large seine, and the catch was divided among all those taking part, in accordance with ancient custom.

There is a hypothesis (V. L. Seroshevskiy) that Yakut fishing was only recently borrowed from the Evenks and Russians. In actual fact, fishing is the oldest form of economy among the population of the Lena region, including the ancestors of the Yakuts.

Hunting is the third, though far less important, branch of Yakut economy. Just like fishing, it goes back to very ancient times. During the

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the Yakut system of kinship is close to the systems used by a number of Turkic peoples. 609

The position of women both in the family and in public life was inferior. The husband, the head of the family, enjoyed despotic power, and the wife could not even complain of harsh treatment, which was a fairly common occurrence, if not at the hands of the husband, then at the hands of his relatives. A woman from another tribe, defenseless and lacking in all rights, was burdened with hard work when she became part of a new family. 562

The position of older people who were decrepit and no longer able to work was also difficult. Little care was shown for them, they were given little to eat and poorly clothed, sometimes even reduced to complete destitution. 888

The position of children, despite the fact that the Yakuts loved their children, as pointed out by many observers, was also rather unfortunate. The birth rate was very high among the Yakuts and most families produced from 5 to 10 children, sometimes as many as 20 or even more. However, the bad living conditions, poor food and inattention resulted in very high child mortality. Apart from their own children, many families, particularly those in which there were few children, often adopted children, whom they often simply bought from the poorer people. 853 [163] [165] 597

Newborn babies were washed by the fire in the hearth and rubbed with cream. This operation was repeated fairly frequently later on. The mother breast-fed her child for some time, as long as 4 or 5 years, although in addition the child received a horn of cow's milk. The Yakut cradle was a long box made of thin, bent pieces of wood, in which the wrapped baby was placed, strapped in and left for some time, without being removed. The cradle had a groove to drain away the urine. Older children usually crawled about the earthen floor together with the animals, either half-naked or completely naked, and were left to themselves; sometimes they were attached to the table on a long strap to prevent them from falling into the fire. The children of the poorer people were trained to work from an early age, and had to carry out work according to their strength—such as collecting brush in the forest, looking after smaller livestock, and so on; the girls were trained in domestic duties. The children of the toyons received more attention, were mollycoddled and generally spoiled. 854 [853] 855 184

The children had few toys. These were usually wooden figures of animals, tiny bows and arrows, little houses and model utensils, made by the parents or sometimes by the children themselves; and the girls had dolls with model clothes, blankets, pillows and so on. The games of the Yakut children were simple and rather monotonous. The absence of noisy group games is characteristic; generally speaking, when the children of the poorer Yakuts grew up, they were quiet and sluggish. 524

Religion

Even in the second half of the 18th century, many of the Yakuts had been baptized, and in the 19th century all Yakuts were registered as Orthodox. Although the transition to Orthodoxy was motivated by and large by material considerations (various privileges and grants for those baptized), the new religion gradually became part of their everyday life. In the corner of their dwellings there hung icons; the people wore crucifixes (the large silver crucifix-type embellishments worn by the women are interesting), went to church and many of them, particularly 771

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175 firm Arai Gumi. The Yakut people took up arms in defense of their young
648 Republic. In March 1923, with the help of the Red Army units, General Pepelyayev was crushed.

175 Even while the struggle against the Pepelyayev bands was still at its
631 height, in December 1922 there was held the first All-Yakut Constituent Assembly of Soviets; this conference elected a Central Executive Committee and Council of People's Commissars of the YaASSR. In 1923 the Constitution of the YaASSR was adopted at the Third All-Yakut Congress of Soviets. In 1937 a new Yakutiyan Constitution was drafted and on March 9 of the same year it was adopted.

Industry and Transportation

433 During the Five-Year Plans a major socialist industry was developed in Yakutiya. At the present time, in addition to the gold, nonferrous metal and mica industries, there are coal, shipbuilding, building-materials, printing and also fish and dairy industries in Yakutiya.

Gold was first mined in the regions bordering on Yakutiya (Vitim
316 and Olekma Basins) more than 100 years ago. But in Yakutiya itself the gold was only mined in very small quantities. In 1923 a prospecting party fitted out by the Yakutiyan government, with the help of Yakut guides, discovered the huge gold deposits on the river Aldan. The Aldan immediately became a major gold-mining area. All around the Aldan there arose settlements, mines, and power stations. At the present time the Aldan mines use powerful electrodredges, conveyors, compressors, excavators and haulage machinery.

[317] The salt reserves of Kempendey along the tributary of the Vilyuy are being exploited on a wide scale.

Extensive prospecting has resulted in the discovery of dozens of new coal deposits. There is now a coal industry in Yakutiya. An example of the rapid development of the coal industry in Yakutiya is the Sangarskiy area. Gold was first mined in Sangary in 1928. During the first year of the mine's existence only 15 tons of coal were brought up, operations being conducted entirely by hand. Nowadays the mine is a large, well-equipped industrial enterprise. A mechanized system for loading the coal onto barges has been installed. The construction of houses and cul-
[361] tural facilities on a large scale has begun in the coal-mining regions. Sangary itself has become a miners' settlement and an industrial corner of Yakutiya.

313 Before the advent of the Soviet regime the very rich forest reserves of Yakutiya were hardly touched. The timber rotted where it stood, or else was destroyed by forest fire. At the present time forestry is a leading branch of the Yakut economy. Advanced Soviet machinery is used on a wide scale at the lumber camps. There are mobile power stations, and electric saws with power units. The forestry organizations have been provided with dozens of hauling tractors and trucks. Fully mechanized sectors have been set up. The timer is floated downriver by means of mechanical traction. Sawmills have been built.

47 Hundreds of industrial plants have been set up in Yakutiya during the
178 Soviet period. The manufacture of glass, bricks, building materials, refractory materials, furniture, leatherwares and footwear, provides for local needs.

433 In accordance with the planned development of the economy the Yakut
184 region has been divided up into specialized regions—coal mining in the

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southern regions, agriculture and the processing industry in the central part, and reindeer-breeding and trapping in the northern regions.

Particular attention is given in Yakutiya to transportation. The socialist reconstruction of the new Republic began with almost a total lack of roads. The chief means of transportation was always and is still by boat. During the Five-Year Plans the transportation system has undergone a radical reorganization. Whereas in 1917 the entire Lena fleet consisted of 37 outmoded steamers and 113 barges, by the beginning of World War II the Yakut Republic had 127 steamers and more than 500 barges.

Before the Revolution steamer traffic was restricted basically to the upper and lower regions of the Lena as far as the mouth of the Vilyuy. At the present time steamers sail the whole length of the Lena, Vilyuy, Aldan, Olekma, Amga, Chara, and Maya, and all the other major northern rivers.

The development of the Yakut rivers is directly connected with a very important measure adopted by the Soviet government, namely, the opening up of the Northern Seaway, which through the heroic efforts of polar explorers, sailors and fliers has been turned into a permanently operating route. In the 1920's the Vladivostok-Kolyma routes were reopened. In 1932 the icebreaker Sibiryakov made a historic journey by sailing directly and without a stop from Archangel to Vladivostok. The heroic trip made by the Chelyuskin (1933) proved the navigability of the Northern Seaway for conventional-type steamships. In 1936 there was opened a route along the river Yana, in 1937 the Anabar, and in 1938 the Olekma and the Indigirka. The opening up of the Northern Seaway sharply stepped up the carriage of freight to the northern regions of Yakutiya.

The opening up of navigation in northern Yakutiya helped the economic resuscitation of this region. From that time on, the mining and fishing industries began to develop and strengthen. Commodity turnover increased sharply as a result. Coal, timber, salt and food products were delivered to the lower regions of various rivers from Yakutiya. The river routes now being exploited stretch more than 9000 kilometers—almost a quarter of the circumference of the globe.

River traffic has also speeded up. Comfortable double-decker ships of the Volga type run from Osetrovo to Yakutsk, a distance of about 2000 kilometers, in only 5 days.

In 1952 the Lena River Steamship Line acquired new powerful diesel ships of the latest Soviet type.

The Lena River route is now linked to the Siberian Sea artery by a direct railroad line (from Tayshet to Osetrovo docks).

The construction of overland roads has become a matter of nationwide interest in Yakutiya. About 2500 kilometers of permanent highways with winter road camps have been built. The construction and operation of highways have involved tremendous difficulties, such as coping with snowdrifts, ice floes, and ice-covered snow. Of the motor highways linking Yakutiya with the outside world, a particularly important one is the Amur-Yakutsk Highway which connects Aldan, and in winter Yakutsk, with the Ussuriysk railroad.

At the present time freight is brought into Yakutiya by four different routes: The Upper Lena wharves (Kachug, Zhigalovo), the Osetrovo wharf, the Amur-Yakutsk Highway, and the Northern Seaway.

Aviation routes connect Yakutsk with Irkutsk, Krasnoyarsk, Novosibirsk and Moscow. The local lines in operation are Yakutsk-Aldan, Yakutsk-Bulun-Tiksi, etc.

The centuries-old isolation of this region from the chief centers of the country is now a thing of the past. Extensive development has also